refractory period to avoid differences in the plurality of signal interpretations due to abnormal T waves.

10. The ambulatory medical device of claim 8, wherein the memory stores a plurality of patient profiles and the cardiac function analyzer is further configured to store an indication of the at least one preferred pairing and an indication of at least one of the one or more detection methods and the one or more refractory periods within a patient profile of the plurality of patient profiles.

11. The ambulatory medical device of claim 8, further comprising a network interface configured to receive preference information descriptive of at least one of the at least one preferred pairing, the one or more detection methods, and the one or more refractory periods.

12. The ambulatory medical device of claim 1, wherein the cardiac function analyzer is configured to process at least one ECG signal of the plurality of ECG signals using a plurality of detection methods to determine at least two signal interpretations of the plurality of signal interpretations, to detect the difference in the physical condition of the patient under the at least two signal interpretations, and to resolve the difference in favor of at least one detection method of the plurality of detection methods that is preferred for the at least one preferred pairing.

13. The ambulatory medical device of claim 1, wherein the at least one detection method includes an axis detection method.

14. The ambulatory medical device of claim 1, wherein the at least one preferred pairing includes a plurality of preferred pairings and the cardiac function analyzer is configured to resolve the difference in favor of a highest ranking preferred pairing of the plurality of preferred pairings.

15. The ambulatory medical device of claim 1, wherein the at least one preferred pairing includes a plurality of preferred pairings and the cardiac function analyzer is configured to resolve the difference in favor of a majority of the plurality of preferred pairings.

16. A method of monitoring ECG signals using an ambulatory medical device including a memory and a plurality of electrodes, the method comprising:

  storing, in the memory, a configurable parameter indicating at least one preferred pairing of a plurality of preferred pairings of the plurality of electrodes;

  receiving, by the ambulatory medical device, a plurality of ECG signals from the plurality of pairings;

  processing the plurality of ECG signals to determine a plurality of signal interpretations of a physical condition of the patient;

  detecting a difference in the physical condition of the patient under two or more signal interpretations of the plurality of signal interpretations; and

  resolving the difference by retrieving the configurable parameter and resolving the difference in favor of the at least one preferred pairing.

17. The method of claim 16, further comprising identifying, automatically by the ambulatory medical device, the at least one preferred pairing during operation of the ambulatory medical device.

18. The method of claim 16, further comprising adjusting, by the ambulatory medical device, a refractory period for the at least one preferred pairing to avoid differences in the plurality of signal interpretations due to abnormal T waves.

19. A non-transitory computer readable medium storing sequences of instruction for monitoring ECG signals including instructions configured to instruct at least one processor to:

  store a configurable parameter indicating at least one preferred pairing of a plurality of preferred pairings of the plurality of electrodes;

  receive a plurality of ECG signals from the plurality of pairings;

  process the plurality of ECG signals to determine a plurality of signal interpretations of a physical condition of the patient;

  detect a difference in the physical condition of the patient under two or more signal interpretations of the plurality of signal interpretations; and

  resolve the difference by retrieving the configurable parameter and resolving the difference in favor of the at least one preferred pairing.

20. The computer readable medium of claim 19, wherein the instructions are further configured to instruct the at least one processor to identify automatically the at least one preferred pairing during operation of the ambulatory medical device.

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